

Claims

What is claimed is:

1. An optical cable closure maintenance system comprising a closure containing a sealed no-power electric sensor, and a water sensing meter for detecting information of temperature and humidity inside of the closure, provided by said no-power electric sensor, wherein the inundation therein can be detected without opening said closure.

2. An optical cable closure maintenance system of Claim 1, wherein said water sensing meter comprises:

an analog/digital converter converting analog signal of humidity and temperature within the closure, detected by the no-power electronic sensor into a digital signal,

a key entry part inputting a control signal and set data according to a mode selection key, an up/down key and other respective functions manipulated selectively by an user,

a micom performing a general control function by a set program, receiving inputs of the signals outputted from the respective parts,

a LCD part displaying, in numerals and letters, the result of humidity and temperature detections within the closure and respective parameters, provided via said analog/digital converter,

an alarm generator generating a failure alarm according to the control signal of said micom,

a memory device for storing information provided by said analog/digital converter and an output signal of said micom, and

an interface for outputting the information of said memory device to an external device.

- 5           3. An optical cable closure maintenance system of Claim 2, wherein said micom comprises a set memory having information of an allowable threshold value of the ratio of temperature to humidity within said closure.

2005.11.10 08:40:00